

SPECIFICATION

Replace paragraph [0005] with the following replacement paragraph [0005].

[0005] The connected home may include multiple servers and thin clients. The major function of the server would be data storage and content distribution to clients. Thin clients are typically limited in functionality and lack independent storage such as a hard disk drive (HDD). Many of the consumer electronic devices around the home will become the thin clients of the future. Some consumer devices already have the ability to read ~~directly~~ Flash cards directly. For example, one can find a Flash card interface in DVD players. This feature allows the user watch either pictures or movies directly from a digital camera without the need to download the Flash card data to a PC, burn it into a CD and only then watch it on the TV.

Replace paragraph [0015] with the following replacement paragraph [0015].

[0015] The invention is embodied in a non-mobile thin client coupled to a home network. These devices include but are not limited to: DVDs, Set Top Boxes (STB), TVs, and Audio players. According to the invention a thin client has a network port and a data/memory port. The data/memory port includes but not limited to Flash card interface (includes but not limited to MMC, SMC, Compact Flash, SD, Sony stick, etc.) or a data communications port interface, such as a USB interface, PCMCIA interface and others.

Replace paragraph [0017] with the following replacement paragraph [0017].

[0017] In one embodiment of the invention a data/memory card is added to a networked DVD player interface can be PCMCIA or any other memory card or data communications interface. The network can be either wired or a wireless one. The DVD player can read images on a Flash Card (taken with a conventional digital camera) or from any other memory source. The images can then be viewed on the DVD (the DVD player in this case is configured to decode and display JPEG images). According to one embodiment of the invention the user can select the images to be archived on the server (using a remote control, for example). The selected images are then transmitted to the server using the local area network. The server then archives the received images on its local HDD. The user can then view these images on the thin client by using the same local area network to transfer the data from the server to the thin client.

Replace paragraph [0024] with the following replacement paragraph [0024].

[0024] Fig. 1 is a block diagram of a home network that includes a thin client 100 according to the subject invention. The thin client 100 includes a network port interface 106 that is coupled to receive a network card 108, for example, a PCMCIA network card. The thin client also includes a memory/data port 104 that may be coupled to receive a memory card 110. In the exemplary embodiment shown in Fig. 1, the thin client is a DVD player that includes an output for providing video signals to a monitor 102. As described above, however, the subject invention is not limited to this configuration. The thin client may be any device that is coupled to a home network, as described below with reference to Fig. 2.

Replace paragraph [0027] with the following replacement paragraph [0027].

[0027] In the system shown in Fig. 1, a user inserts the memory card 110 into the memory/data interface 104 to view pictures contained on the memory card using the DVD thin client 100 and monitor 102. In one embodiment of the invention, as soon as the memory card 110 is inserted into the interface 104, the data is transferred, via the network card 106 108 and router 114 to the server 116 where it is archived on the HDD 118. In this embodiment, all of the data stored in the memory card 110 is automatically archived on the server 116.

Replace paragraph [0029] with the following replacement paragraph [0029].

[0029] Figure 2 is a block diagram of an exemplary thin client device 100. This device includes the memory card interface 104, the network interface 106, optional signal processing hardware 210, an optional controller 212 and an optional IR interface 214. As shown in Figure 2, the memory card interface 104 may be coupled directly to the network interface 106 so that the server 116 may control transfer of data from the memory card interface 104 using the network interface 106. Thus, as a simple thin client device 100 may include only the memory card interface 104 and the network interface 106. For a thin client device of this type, all data is automatically transferred from the memory card 110 to the server 116 or is transferred under control of the server.

Replace paragraph [0030] with the following replacement paragraph [0030].

[0030] Instead of a memory card interface 104, it is contemplated that the memory/data interface 104 may be a conventional data communications interface, for example, a universal serial bus (USB) port or a Personal Computer Memory Card International Association (PCMCIA) card interface. These interfaces may not accept a memory card 110 directly but, allow a user to connect the thin client to another device that contains the data. The USB port, for example, may allow a user to connect the thin client 100 to a digital camera using the camera's USB cable without having to remove the memory card from the camera.

Replace paragraph [0031] with the following replacement paragraph [0031].

[0031] A more complex thin client 100 may also include a controller 212 and an infrared (IR) interface 214. With these additions, the thin client 100 may transfer data under control of a remote control device 112. If the remote control 112 includes a display 113, the controller 212 may transfer data from the memory card 110 to the display 113 and the user can select data to be transferred to the server 116 using the remote control 112. As an alternative to using the display on the remote control, the thin client 100 may include a small display device (not shown) that may be used to display the data.

Replace paragraph [0032] with the following replacement paragraph [0032].

[0032] In this more complex thin client 100, the memory card interface 104 may not be connected directly to the network interface 106 but may be coupled to the network interface through the controller 212.

Replace paragraph [0033] with the following replacement paragraph [0033].

[0033] In a typical configuration, the thin client 100 is integrated with a consumer electronic device that is coupled to the home network. In the example shown in Figure 2, the consumer electronic device is indicated by the signal processing hardware 210. This may be, for example, a DVD player/recorder, a CD player/recorder, a set-top box (STB) a television receiver or other consumer electronic device. In this embodiment, the controller 212 may be a processor that exists in the standard consumer electronic device to implement control functions. Similarly,

the IR interface 214 may be the IR receiver of the consumer electronic device used to receive commands from the remote control unit 112.